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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
08/951,754	10/16/97	KOIRT	0270-2272

QM61/0915
SIXBEY FRIEDDMAN LEEDOM & FERGUSON
2010 CORPORATE RIDGE SUITE 600
MCLEAN VA 22102

EXAMINER

VO.T

ART UNIT	PAPER NUMBER
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3747

DATE MAILED:

09/15/98

17

Please find below and/or attached an Office communication concerning this application or proceeding.

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	# 17

DATE MAILED:

Please find below a communication from the EXAMINER in charge of this application.

Commissioner of Patents

Office Action Summary

Application No.

08/951,754

Applicant(s)

KOHRT

Examiner

HIEU T. VO

Group Art Unit

3747

—The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address—

Period for Response

A SHORTENED STATUTORY PERIOD FOR RESPONSE IS SET TO EXPIRE THREE MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a response be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for response specified above is less than thirty (30) days, a response within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for response is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to respond within the set or extended period for response will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

Status

- ☒ Responsive to communication(s) filed on June 01, 1998
- ☐ This action is **FINAL**.
- ☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- ☒ Claim(s) 1-31 is/are pending in the application.
- Of the above claim(s) 21-31 are pending interference ~~is/are withdrawn from consideration.~~
- ☒ Claim(s) 1-20 is/are allowed.
- ☐ Claim(s) _____ is/are rejected.
- ☐ Claim(s) _____ is/are objected to.
- ☐ Claim(s) _____ are subject to restriction or election requirement.

Application Papers

- ☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.
- ☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.
- ☐ The drawing(s) filed on _____ is/are objected to by the Examiner.
- ☐ The specification is objected to by the Examiner.
- ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119 (a)-(d)

- ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
- ☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been received.
- ☐ received in Application No. (Series Code/Serial Number) _____.
- ☐ received in this national stage application from the International Bureau (PCT Rule 1.7.2(a)).

*Certified copies not received: _____.

Attachment(s)

- ☒ Information Disclosure Statement(s), PTO-1449, Paper No(s) 16
- ☐ Notice of References Cited, PTO-892
- ☐ Notice of Draftsperson's Patent Drawing Review, PTO-948
- ☐ Interview Summary, PTO-413
- ☐ Notice of Informal Patent Application, PTO-152
- ☐ Other _____

Office Action Summary

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Response to Amendment

1. Receipt of Applicant's amendment filed on June 01, 1998 is acknowledge and fully consideration by Examiner.
2. Claims 1-31 are pending in the application.

Allowable Subject Matter

3. Claims 1-20 are allowed over the prior art of record.
4. The following is a statement of reasons for the indication of allowable subject matter:

The prior art made of record fail to teach or show an intake air heater capable of being mounted inside an intake air manifold chamber formed in a cylinder head of an internal combustion engine for heating intake air flow into the engine comprising a heating element connected to heater frame member for heating the intake air wherein the heating element is positioned inside the integral intake air manifold chamber formed in the cylinder head when the air heater is mounted on the engine.

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Interference

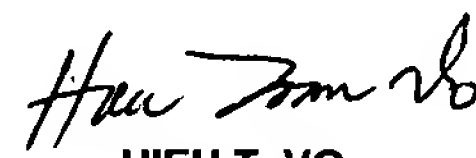
5. Claims 21-31 of the instant application have been copied by the applicant from US Patent No. 5,595,164 issued January 21, 1997 for interference purpose.

Applicant is respectfully required to submit affidavits or declarations under 37 CFR 1.608 in response to this Office Action. See MPEP 2308, 2308.01, and 2308.02.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Hieu T. Vo whose telephone number is (703) 308-1951. The examiner can normally be reached on Monday through Friday from 7:30 AM - 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Henry C. Yuen, can be reached on (703) 308-1946. The fax phone number for this group is (703) 308-7764.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0861.


HIEU T. VO
Patent Examiner
Art Unit 3747

HTV
September 10, 1998


Henry C. Yuen
Supervisory Patent Examiner
Group 3700